Build a Luna Dining Table

DIY Plans to Build a Luna Dining Table with a Floating Top!

I love tables. In fact, I have so many tables in my house that I have been banned by the family from building any more – there just isn't any room! This table is one I will secretly add to my "to build" list… The plans to build a Luna Dining Table feature tapered legs and a floating top, and is quite the inexpensive build! It is another quick and easy build – that's how I roll!

Materials:

- 2-1/2″ pocket hole screws
- 1-1/4″ brad nails
- Edge banding, optional
- Wood glue
- Sandpaper (100, 150, 220 grits)

- Finishing supplies (primer & paint, or stain, sealer)

Lumber:

- 2 – 1×2 at 6′
- 2 – 1×2 at 8′
- 2 – 2×3 at 6′
- 2 – 2×3 at 8′
- 4 – 3×3 posts at 3′
- 1 sheet of 3/4″ plywood

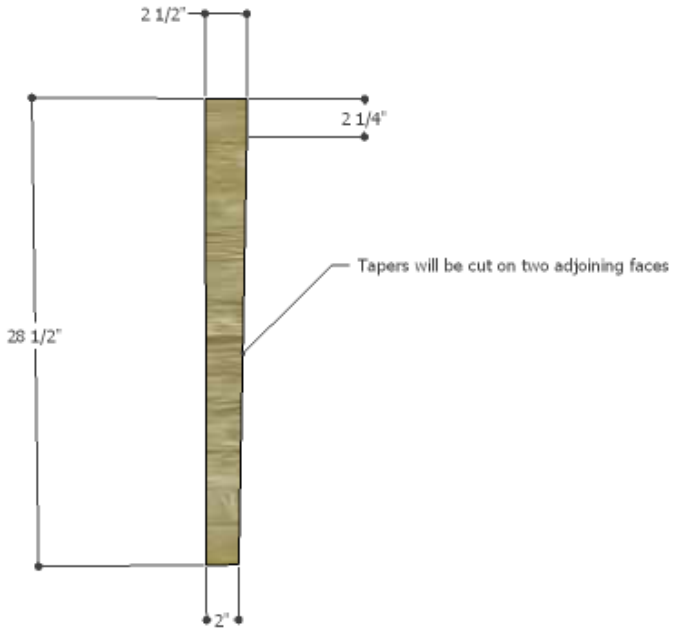
Cut List:

- 4 – 3×3 posts at 28-1/2″ – Legs
- 2 – 2×3 at 65″ – Frame
- 4 – 2×3 at 41″ – Frame & Supports
- 2 – 1×2 at 68″ – Spacers
- 4 – 1×2 at 41″ – Spacers
- 1 – 3/4″ plywood at 46″ x 70″ – Top

Click on the drawings for a larger view!

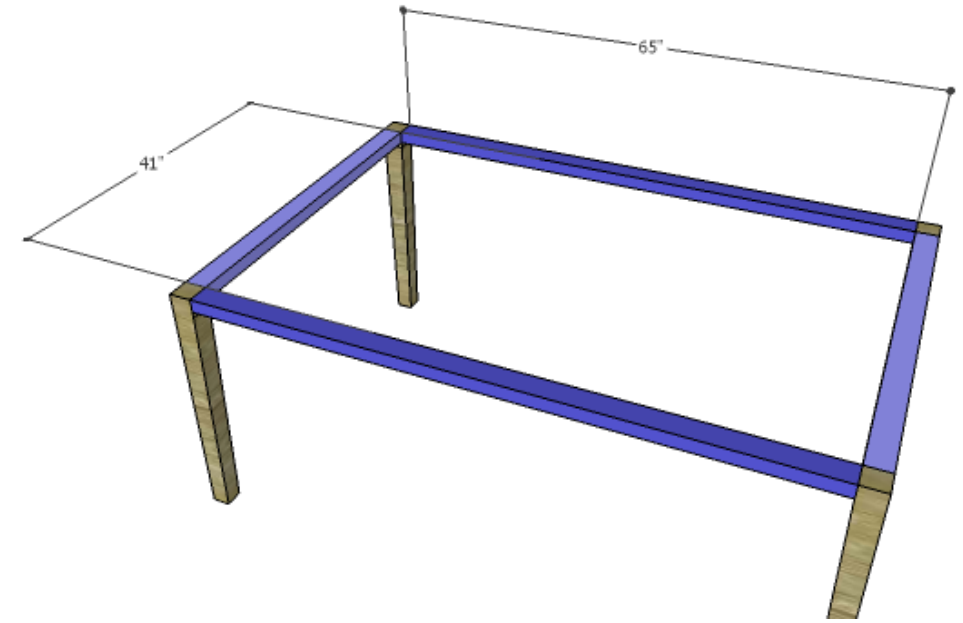
Step One

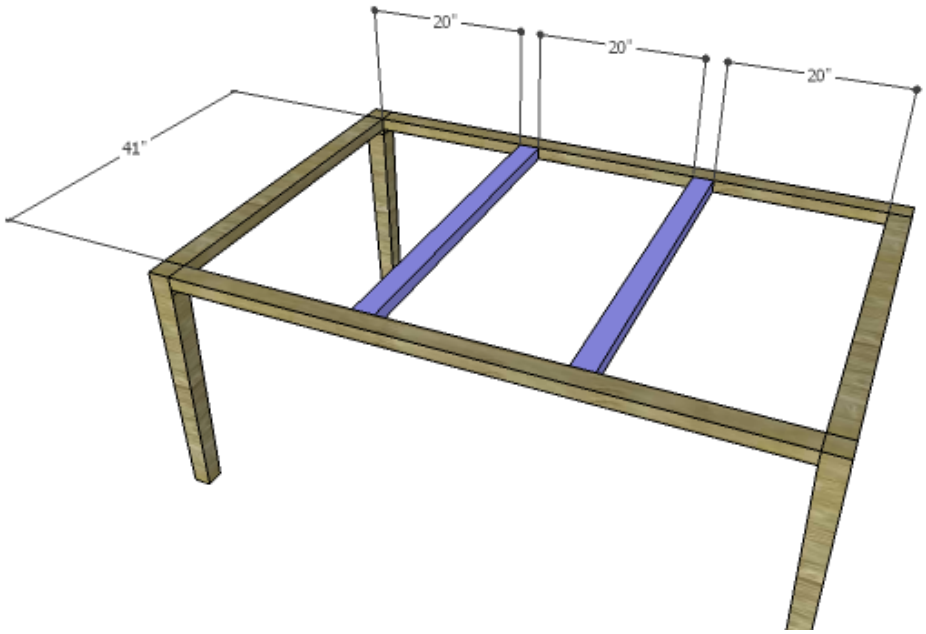
Cut the pieces for the legs. There will be a taper cut on two adjoining faces of each leg. Cut the tapers using a jigsaw or a tapering jig on the table saw.



Step Two

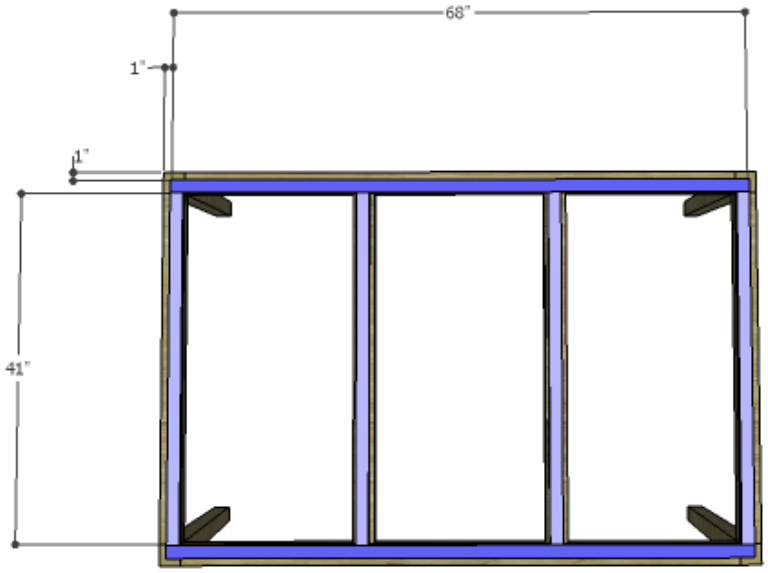
Cut the pieces for the frame and supports. With the pocket hole jig set for 1-1/2″ material, drill pocket holes in each end of each piece. Assemble the frame as shown, securing the pieces to the legs using glue and 2-1/2″ pocket hole screws. Orient the pocket holes so they face down, and the tapers on the legs will all face to the inside.





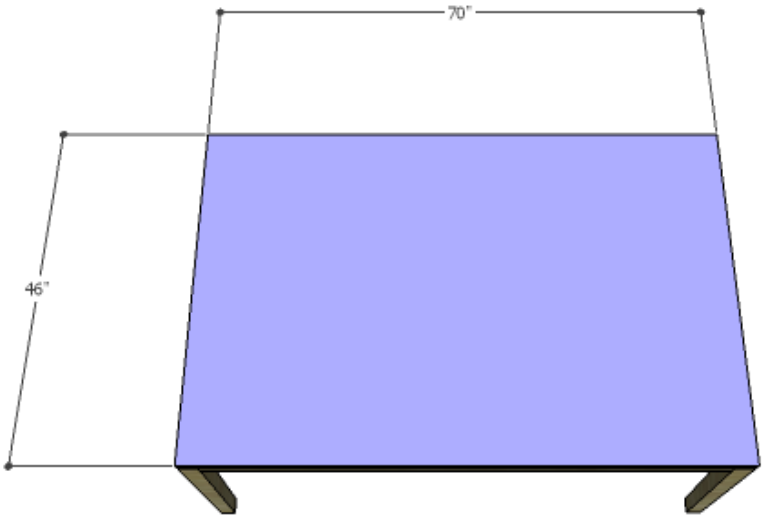
Step Three

Cut the pieces for the spacers. Secure the spacers to the frame and supports using glue and 1-1/4″ brad nails. The back edge of the spacers will be flush with the back edge of the frame, while the middle spacers will be centered on the supports.



Step Four

Cut the piece for the top and apply edge banding, if desired. Secure the top to the spacers using glue and 1-1/4″ brad nails. The edges of the top will be flush with the sides of the framing pieces.



Finish as desired!

The table can be lengthened to suit any needs by adding to the length of the longer framing pieces, the longer spacers, and

the top. A few more supports will have to be added, as well. This table would be great either painted, stained, or left natural! Any questions about the plans to build a Luna Dining Table? Leave a comment below or contact me at cher {at} designsbystudioc {dot} com!